

P2002J095

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Stuart S. Goldstein et al
U. S. Serial No. 10/690,801
Filed: 22 October 2003
For: Method for Revamping Fixed Bed Catalytic Reformers
Group Art Unit: 1764
Examiner: Prem C. Singh

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Information Disclosure Statement

Sir:

The reference cited in the attached PTO Form 1449 is relevant to the examination of this application. This reference was cited by the European Patent Office in a search report on a related (non-counterpart) application in the European Office which was received in this office on 18 July 2006.

US Patent No. 4250019 describes a continuous catalytic reforming unit which deals with the problem of catalyst "pinning" in the radial flow reactors by splitting the hydrogen recycle so as to reduce the vapor phase flow rate in the upper reactors. The patent refers to operation at pressures in the range of 200 psig to 1000 psig. In passing, this patent mentions that the catalyst exiting the final reactor can be "stored until a sufficient quantity is available for a batch type regeneration" (column 6, lines 55-56).

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08/03/2006 MBHAS 00000035 051330 10690001
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Approved for use through 07/31/2008. OMB 0831-0031
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| Application Number | 10/690,801 |
| Filing Date | 22 October 2003 |
| First Named Inventor | Stuart S. Goldstein |
| Art Unit | 1764 |
| Examiner Name | Prem C. Singh |
| Attorney Docket Number | P2002J095-US2 |

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